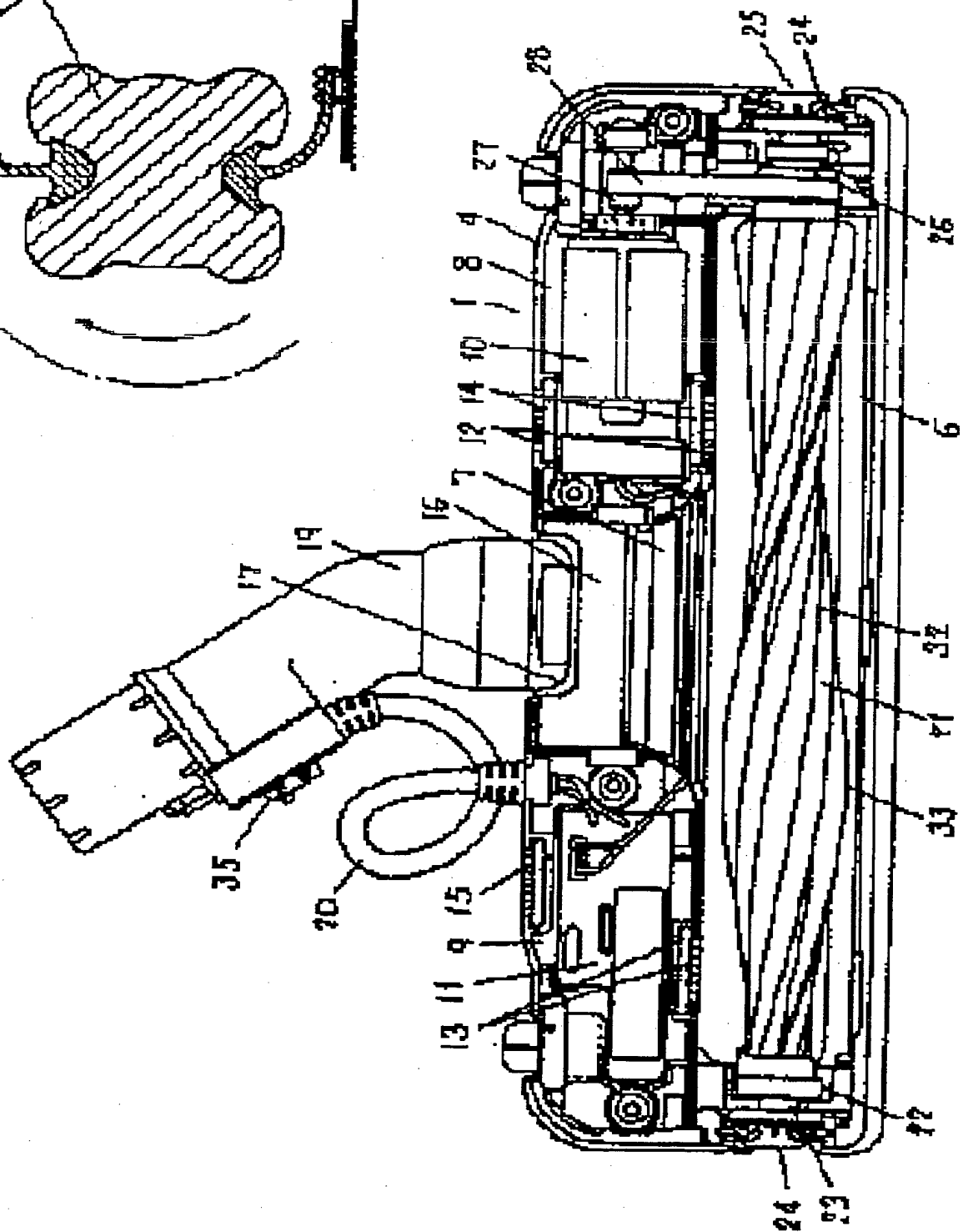
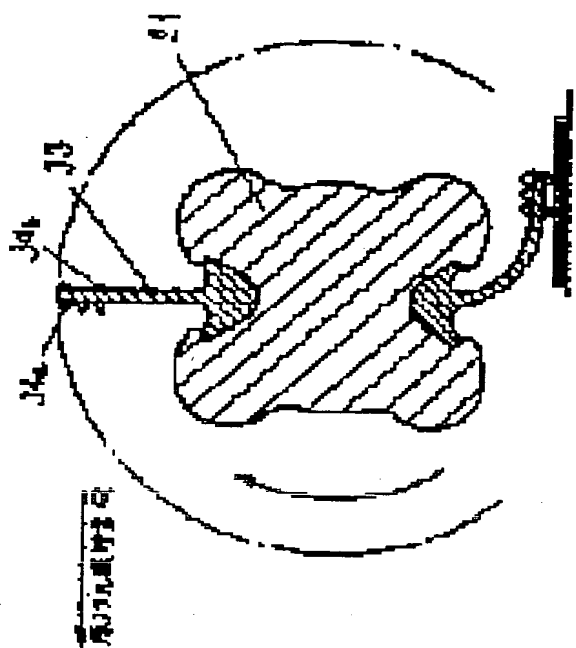


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PN - JP4105625 A 19920407  
PD - 1992.04.07  
PR - JP19900225827 19900827  
OPD - 1990.08.27  
TI - FLOOR NOZZLE FOR VACUUM CLEANER  
IN - KAJIKAWA SABURO; HAYASHI SEIZO; ISHII MITSUO  
PA - MATSUSHITA ELECTRIC IND CO LTD  
IC - A47L9/04

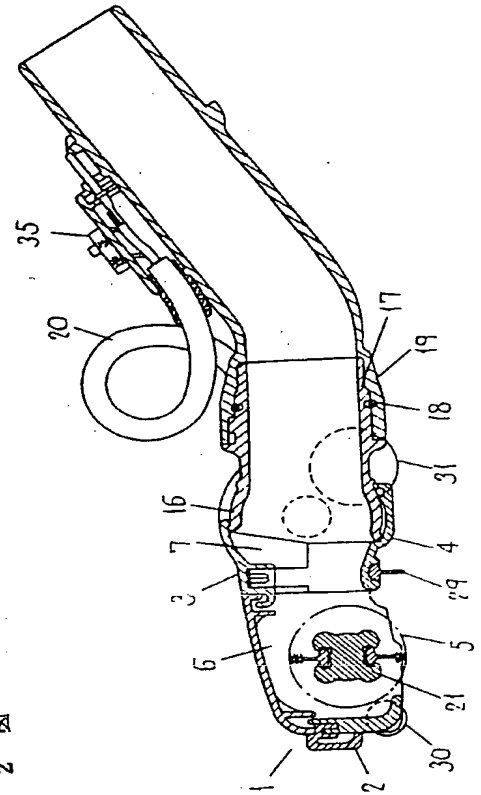
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PN - JP4105625 A 19920407  
PD - 1992.04.07  
AP - JP19900225827 19900827  
IN - KAJIKAWA SABURO; others: 02  
PA - MATSUSHITA ELECTRIC IND CO LTD  
TI - FLOOR NOZZLE FOR VACUUM CLEANER  
AB - PURPOSE: To obtain a floor nozzle provided with function according to a life style by arranging a motor or the driving source of an air turbine or the like, a transmitting mechanism for transmitting the driving force of the driving source, and a main agitator to be rotated forward or reversely by the force of the transmitting mechanism.  
- CONSTITUTION: A main agitator 21 is composed of a plurality of spiral agitating bodies 33 which are vertically arranged to be extended in the longitudinal direction of the outer peripheral surface of a roughly-cylinder-shaped rotor 32. Then, the agitating bodies 33 are formed with the flexible material of rubber or the like, and on the one-surfaces of the agitating bodies 33, a plurality of projections 34a are formed, and on the other surfaces, the number of projections shorter than that of the projections 34a, or the projections 34b of levels lower than the levels of the projections 34a are formed. When a carpet is cleaned, then by the agitator 21, a floor nozzle is rotated forward in the pushing direction, and in other words, the nozzle is rotated in the advancing direction, and so with the distortion of the agitating bodies 33 due to the rotation, the projections 34a are to come in contact with the surface of the carpet.  
I - A47L9/04



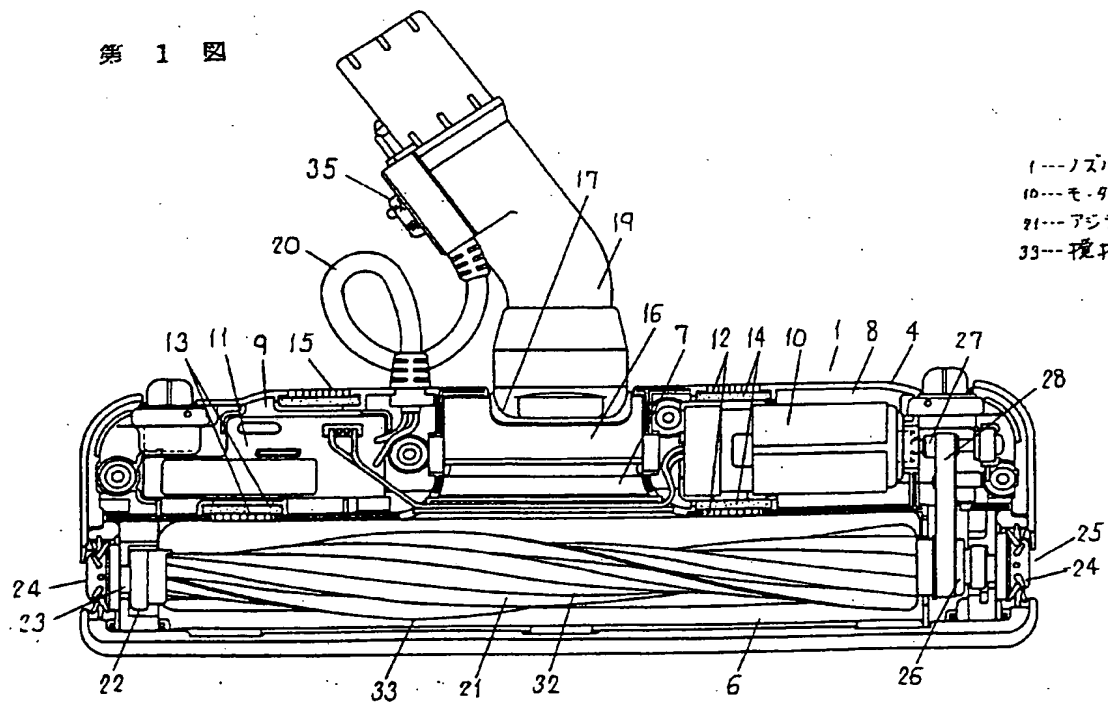
21 ……アジテーター、33 ……攪拌体、34 a  
 ……突起、34 b ……突起、34 c ……突起、37  
 ……磨き部材。

代理人の氏名 弁理士 小塚治 明 ほか2名



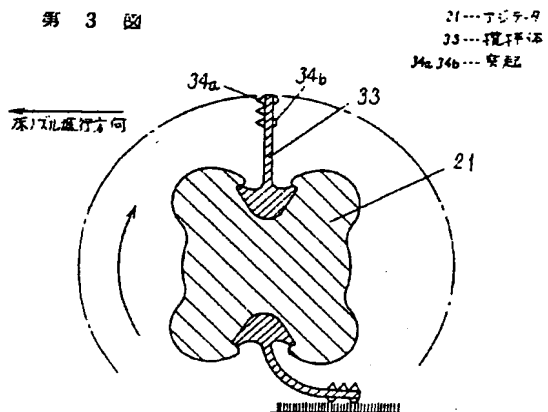
第 2 図

第 1 図

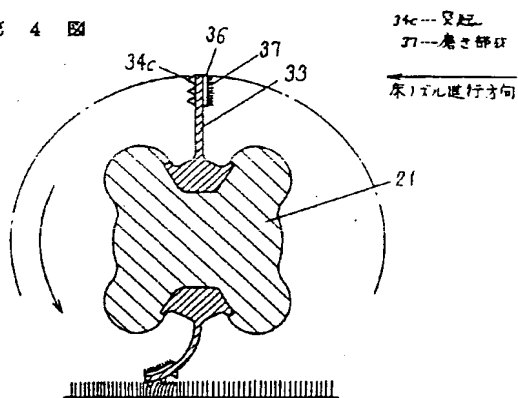


1 --- ノズル本体  
 10 --- モータ (駆動源)  
 21 --- アジテーター  
 33 --- 攪拌部

第 3 図



第 4 図



第 5 図

